

## ASSAULT AMPHIBIOUS VEHICLE – COMMAND; COMMAND AND CONTROL UPGRADE PROGRAM (AAVC7A1 C2 UPGRADE)

### DESCRIPTION

The Assault Amphibious Vehicle – Command; Command and Control Upgrade Program (AAVC7A1 C2 Upgrade) is focused on providing an improved command and control (C2) capability to the Operating Forces until the Expeditionary Fighting Vehicle is fielded. The AAVC7 C2 Upgrade Program will include replacement of the current antiquated UHF and HF tactical radios with the currently fielded radio systems, integration of a UHF-Satellite Communications (SATCOM) capability, replacement of the vehicle intercommunications system, integration of a Blue Force Situational Awareness (BFSA) capability, redesign of the staff workstations, and integration of a tactical data network capable of hosting applicable Marine Air Ground Task Force C2 applications. (Advanced Field Artillery Tactical Data System (AFATDS), C2 Personal Computer (C2PC), Intelligence Operations Server (IOS) V1)

### OPERATIONAL IMPACT

The AAVC7A1 C2 upgrade program will provide the supported infantry battalion/regimental staffs with an improved C2 capability needed to address the C2 capabilities gap that currently exists during amphibious operations. Specific operational improvements are the addition of a UHF-SATCOM capability, integration of a BFSA capability, and the integration of a tactical data network capable of hosting AFATDS, C2PC, and IOS V1.

### PROGRAM STATUS

The AAVC7A1 C2 Upgrade Program was designated an Acquisition Category IV (T) program on 31 August 2007 and is slated to enter the System Development and Demonstration Phase of the project Life Cycle during the 2nd Quarter (QTR) fiscal year 2008. Initial Operational Capability is planned for fiscal year 2009 and Full Operational Capability is planned for fiscal year 2010.

Procurement Profile:	FY2008	FY2009
Quantity:	8	31

Developer/Manufacturer:  
SPAWAR Charleston, SC